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July 31, 2006

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Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Art Unit 1653

Re: U.S. Utility Patent Application
Appl. No. 10/728,766; Filed: December 8, 2003
For: **Methods for Production of Proteins**
Inventors: CHATTERJEE *et al.*
Our Ref: 0942.4200002/RWE/JKM

Sir:

Transmitted herewith for appropriate action are the following documents:

1. SKGF Cover Letter;
2. An original executed Power of Attorney from Assignee;
3. An original executed Statement Under 37 C.F.R. § 3.73(b), with a copy of the Certificate of Merger (3 pages) filed electronically herewith; and
4. One (1) return postcard.

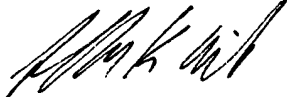
It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents
July 31, 2006
Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Jeffrey K. Mills
Agent for Applicants
Registration No. 56,413

RWE/JKM:bac
Enclosures

563690_1.DOC



POWER OF ATTORNEY FROM ASSIGNEE

Invitrogen Corporation, a corporation of Delaware, having a principal place of business at 1600 Faraday Avenue, Carlsbad, CA 92008, is assignee of the entire right, title, and interest for the United States of America (as defined in 35 U.S.C. §100), by reason of an Assignment to the Assignee executed on (1) April 13, 1998, (2) April 14, 1998, (3) April 14, 1998 and (4) April 18, 1998 of an invention known as **Methods for Production of Proteins** (Attorney Docket No. 0942.4200002/RWE/JKM), that is disclosed and claimed in a patent application of the same title by the inventors (1) Deb K. CHATTERJEE, (2) Mary LONGO, (3) Elizabeth FLYNN and (4) Robert OBERFELDER (said application has a Filing Date of December 8, 2003 at the U.S. Patent and Trademark Office, and having Application Number 10/728,766).

For the purpose of PAIR, the **Customer Number** is 26111.

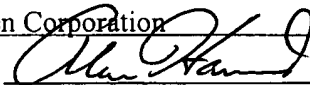
The Assignee hereby appoints the patent practitioners associated with **CUSTOMER NUMBER 26111** to prosecute this application and any continuation, divisional, continuation-in-part, or reissue application thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith. The Assignee hereby grants said patent practitioners associated with **CUSTOMER NUMBER 26111** the power to insert on this Power of Attorney any further identification that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

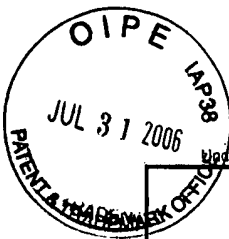
Send correspondence to:

CUSTOMER NUMBER 26111

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
1100 New York Avenue, N.W.
Washington, D.C. 20005-3934
U.S.A.

Direct phone calls to 202-371-2600.

FOR: Invitrogen Corporation
SIGNATURE: 
BY: Alan W. Hammond
TITLE: Chief Intellectual Property Counsel
DATE: July 9, 2006



STATEMENT UNDER 37 CFR 3.73(b)

0942.4200002/RWE/JKM

Applicant/Patent Owner: Deb K. CHATTERJEE, Mary LONGO, Elizabeth FLYNN and Robert OBERFELDER

Application No./Patent No./Control No.: 10/728,766 Filed/Issue Date: December 8, 2003

Entitled: Methods for Production of Proteins

Invitrogen Corporation

(Name of Assignee)

, a corporation

(Type of Assignee: corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is _____ %)

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or a true copy of the original assignment is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Life Technologies, Inc. To: Invitrogen Corporation
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: Deb CHATTERJEE, Mary LONGO, Elizabeth FLYNN and Robert OBERFELDER To: Life Technologies, Inc.
The document was recorded in the United States Patent and Trademark Office at
Reel 009200, Frame 0902, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Signature

Alan W. Hammond

Printed or Typed Name

Chief Intellectual Property Counsel

Title

July 9, 2006

Date

(760) 476-6903

Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

State of Delaware
Office of the Secretary of State

PAGE 1

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"LIFE TECHNOLOGIES, INC.", A DELAWARE CORPORATION,
WITH AND INTO "INVITROGEN CORPORATION" UNDER THE NAME OF
"INVITROGEN CORPORATION", A CORPORATION ORGANIZED AND EXISTING
UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED
IN THIS OFFICE THE THIRTEENTH DAY OF SEPTEMBER, A.D. 2000, AT
4:30 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF
THE AFORESAID CERTIFICATE OF MERGER IS THE FOURTEENTH DAY OF
SEPTEMBER, A.D. 2000.



Edward J. Freel

Edward J. Freel, Secretary of State

2753431 8100M

001468678

AUTHENTICATION: 0679689

DATE: 09-18-00

DO NOT FORWARD
TO ASSIGNMENT BRANCH
NOT FOR RECORDATION

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
ED 04:30 PM 09/13/2000
001464137 - 2753431

9-13-00 12:58
UNIVERSITY MICROFILMS
SERIALS ACQUISITION
300 N ZEEB RD
ANN ARBOR MI 48106-1500

GCRF:GTO

302 674 8340:2/ 7
NO. 157 022

**CERTIFICATE OF MERGER
MERGING
LIFE TECHNOLOGIES, INC.
INTO
INVITROGEN CORPORATION**

Pursuant to Section 251 of the
General Corporation Law of Delaware

The undersigned corporation, organized and existing under and by virtue of the General Corporation Law of the State of Delaware, does hereby certify:

FIRST: That the name and state of incorporation of each of the constituent corporations of the merger is as follows:

Name	State of Incorporation
Life Technologies, Inc.	Delaware
Invitrogen Corporation	Delaware

SECOND: That an agreement and plan of merger between the parties to the merger has been approved, adopted, certified, executed and acknowledged by each of the constituent corporations in accordance with the requirements of Section 251 of the General Corporation Law of the State of Delaware.

THIRD: That Invitrogen Corporation, a Delaware corporation, shall be the surviving corporation of the merger and its certificate of incorporation shall be the certificate of incorporation of the surviving corporation.

FOURTH: That the executed agreement and plan of merger is on file at the principal place of business of the surviving corporation. The address of the principal place of business of the surviving corporation is 1600 Faraday Avenue, Carlsbad, CA 92008.

FIFTH: That a copy of the agreement and plan of merger will be furnished by the surviving corporation, on request and without cost to any stockholder of any constituent corporation.

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TO ASSIGNMENT BRANCH
NOT FOR RECORDATION

SENT BY: _____

9-13-00 12:58

GCHP:GTO

302 674 8340:# 3/ 7
NO. 157 003

SIXTH: That this Certificate of Merger shall be effective at 3:00 p.m. on
September 14, 2000.

Dated: September 13, 2000

Invitrogen Corporation,
a Delaware corporation

By: _____

Lyle C. Turner
President and CEO

ATTEST:

James R. Glynn
Executive V.P. and CFO

Grey Cary/AGT/6200403.1
102894-199722

09/13/2000 WED 11:38 [TX/RX NO 7050] 003